



|   |  |   |
|---|--|---|
| <b>Index of Claims</b><br> | <b>Application/Control No.</b><br>07402450 | <b>Applicant(s)/Patent Under Reexamination</b><br>MURAKAWA ET AL. |
|   | <b>Examiner</b><br>Fredman, Jeffrey        | <b>Art Unit</b><br>1637   |


|   |                 |   |                   |   |                     |   |                 |
|---|-----------------|---|-------------------|---|---------------------|---|-----------------|
| ✓ | <b>Rejected</b> | - | <b>Cancelled</b>  | N | <b>Non-Elected</b>  | A | <b>Appeal</b>   |
| = | <b>Allowed</b>  | ÷ | <b>Restricted</b> | I | <b>Interference</b> | O | <b>Objected</b> |

| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant |          |            | <input type="checkbox"/> CPA |  |  | <input type="checkbox"/> T.D. |  |  | <input type="checkbox"/> R.1.47 |  |  |
|--|----------|------------|------------------------------|--|--|-------------------------------|--|--|---------------------------------|--|--|
| CLAIM  |          | DATE       |                              |  |  |                               |  |  |                                 |  |  |
| Final  | Original | 05/31/2007 |                              |  |  |                               |  |  |                                 |  |  |
|  | 114      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 115      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 116      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 117      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 118      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 119      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 120      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 121      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 122      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 123      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 124      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 125      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 126      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 127      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 128      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 129      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 130      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 131      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 132      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 133      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 134      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 135      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 136      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 137      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 138      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 139      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 140      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 141      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 142      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 143      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 144      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 145      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 146      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 147      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 148      | ✓          |                              |  |  |                               |  |  |                                 |  |  |
|  | 149      | ✓          |                              |  |  |                               |  |  |                                 |  |  |

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|   | <b>Examiner</b><br>Fredman, Jeffrey        | <b>Art Unit</b><br>1637   |

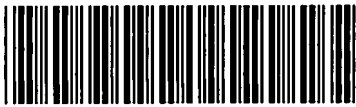
|   |                 |   |                   |   |                     |   |                 |
|---|-----------------|---|-------------------|---|---------------------|---|-----------------|
| ✓ | <b>Rejected</b> | - | <b>Cancelled</b>  | N | <b>Non-Elected</b>  | A | <b>Appeal</b>   |
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|--|----------|------------------------------|--|-------------------------------|--|---------------------------------|--|--|--|
| CLAIM  |          | DATE                         |  |                               |  |                                 |  |  |  |
| Final  | Original | 05/31/2007                   |  |                               |  |                                 |  |  |  |
|  | 150      | ✓                            |  |                               |  |                                 |  |  |  |
|  | 151      | ✓                            |  |                               |  |                                 |  |  |  |
|  | 152      | -                            |  |                               |  |                                 |  |  |  |
|  | 153      | -                            |  |                               |  |                                 |  |  |  |
|  | 154      | -                            |  |                               |  |                                 |  |  |  |
|  | 155      | -                            |  |                               |  |                                 |  |  |  |
|  | 156      | -                            |  |                               |  |                                 |  |  |  |
|  | 157      | -                            |  |                               |  |                                 |  |  |  |
|  | 158      | -                            |  |                               |  |                                 |  |  |  |
|  | 159      | -                            |  |                               |  |                                 |  |  |  |
|  | 160      | -                            |  |                               |  |                                 |  |  |  |
|  | 161      | -                            |  |                               |  |                                 |  |  |  |
|  | 162      | -                            |  |                               |  |                                 |  |  |  |
|  | 163      | -                            |  |                               |  |                                 |  |  |  |
|  | 164      | -                            |  |                               |  |                                 |  |  |  |
|  | 165      | -                            |  |                               |  |                                 |  |  |  |
|  | 166      | -                            |  |                               |  |                                 |  |  |  |
|  | 167      | -                            |  |                               |  |                                 |  |  |  |
|  | 168      | -                            |  |                               |  |                                 |  |  |  |
|  | 169      | -                            |  |                               |  |                                 |  |  |  |
|  | 170      | -                            |  |                               |  |                                 |  |  |  |
|  | 171      | -                            |  |                               |  |                                 |  |  |  |
|  | 172      | -                            |  |                               |  |                                 |  |  |  |
|  | 173      | -                            |  |                               |  |                                 |  |  |  |
|  | 174      | -                            |  |                               |  |                                 |  |  |  |
|  | 175      | -                            |  |                               |  |                                 |  |  |  |
|  | 176      | -                            |  |                               |  |                                 |  |  |  |
|  | 177      | -                            |  |                               |  |                                 |  |  |  |
|  | 178      | -                            |  |                               |  |                                 |  |  |  |
|  | 179      | -                            |  |                               |  |                                 |  |  |  |
|  | 180      | -                            |  |                               |  |                                 |  |  |  |
|  | 181      | -                            |  |                               |  |                                 |  |  |  |
|  | 182      | -                            |  |                               |  |                                 |  |  |  |
|  | 183      | -                            |  |                               |  |                                 |  |  |  |
|  | 184      | -                            |  |                               |  |                                 |  |  |  |
|  | 185      | -                            |  |                               |  |                                 |  |  |  |

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| CLAIM  |          | DATE                         |  |                               |  |                                 |  |  |  |  |  |
| Final  | Original | 05/31/2007                   |  |                               |  |                                 |  |  |  |  |  |
|  | 186      | -                            |  |                               |  |                                 |  |  |  |  |  |
|  | 187      | -                            |  |                               |  |                                 |  |  |  |  |  |
|  | 188      | -                            |  |                               |  |                                 |  |  |  |  |  |
|  | 189      | -                            |  |                               |  |                                 |  |  |  |  |  |
|  | 190      | ✓                            |  |                               |  |                                 |  |  |  |  |  |
|  | 191      | ✓                            |  |                               |  |                                 |  |  |  |  |  |
|  | 192      | ✓                            |  |                               |  |                                 |  |  |  |  |  |
|  | 193      | ✓                            |  |                               |  |                                 |  |  |  |  |  |
|  | 194      | ✓                            |  |                               |  |                                 |  |  |  |  |  |
|  | 195      | ✓                            |  |                               |  |                                 |  |  |  |  |  |
|  | 196      | ✓                            |  |                               |  |                                 |  |  |  |  |  |
|  | 197      | ✓                            |  |                               |  |                                 |  |  |  |  |  |
|  | 198      | ✓                            |  |                               |  |                                 |  |  |  |  |  |
|  | 199      | ✓                            |  |                               |  |                                 |  |  |  |  |  |
|  | 200      | ✓                            |  |                               |  |                                 |  |  |  |  |  |
|  | 201      | ✓                            |  |                               |  |                                 |  |  |  |  |  |
|  | 202      | ✓                            |  |                               |  |                                 |  |  |  |  |  |
|  | 203      | ✓                            |  |                               |  |                                 |  |  |  |  |  |
|  | 204      | ✓                            |  |                               |  |                                 |  |  |  |  |  |
|  | 205      | ✓                            |  |                               |  |                                 |  |  |  |  |  |
|  | 206      | ✓                            |  |                               |  |                                 |  |  |  |  |  |
|  | 207      | ✓                            |  |                               |  |                                 |  |  |  |  |  |
|  | 208      | ✓                            |  |                               |  |                                 |  |  |  |  |  |
|  | 209      | ✓                            |  |                               |  |                                 |  |  |  |  |  |
|  | 210      | ✓                            |  |                               |  |                                 |  |  |  |  |  |
|  | 211      | ✓                            |  |                               |  |                                 |  |  |  |  |  |
|  | 212      | ✓                            |  |                               |  |                                 |  |  |  |  |  |
|  | 213      | ✓                            |  |                               |  |                                 |  |  |  |  |  |
|  | 214      | ✓                            |  |                               |  |                                 |  |  |  |  |  |
|  | 215      | ✓                            |  |                               |  |                                 |  |  |  |  |  |
|  | 216      | ✓                            |  |                               |  |                                 |  |  |  |  |  |
|  | 217      | ✓                            |  |                               |  |                                 |  |  |  |  |  |
|  | 218      | ✓                            |  |                               |  |                                 |  |  |  |  |  |
|  | 219      | ✓                            |  |                               |  |                                 |  |  |  |  |  |
|  | 220      | ✓                            |  |                               |  |                                 |  |  |  |  |  |
|  | 221      | ✓                            |  |                               |  |                                 |  |  |  |  |  |

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 ☐ CPA
 ☐ T.D.
 ☐ R.1.47

| CLAIM |          | DATE       |  |  |  |  |  |  |  |  |  |
|-------|----------|------------|--|--|--|--|--|--|--|--|--|
| Final | Original | 05/31/2007 |  |  |  |  |  |  |  |  |  |
|       | 222      | ✓          |  |  |  |  |  |  |  |  |  |
|       | 223      | ✓          |  |  |  |  |  |  |  |  |  |
|       | 224      | ✓          |  |  |  |  |  |  |  |  |  |
|       | 225      | ✓          |  |  |  |  |  |  |  |  |  |
|       | 226      | ✓          |  |  |  |  |  |  |  |  |  |
|       | 227      | ✓          |  |  |  |  |  |  |  |  |  |
|       | 228      | ✓          |  |  |  |  |  |  |  |  |  |
|       | 229      | ✓          |  |  |  |  |  |  |  |  |  |
|       | 230      | ✓          |  |  |  |  |  |  |  |  |  |
|       | 231      | ✓          |  |  |  |  |  |  |  |  |  |
|       | 232      | ✓          |  |  |  |  |  |  |  |  |  |
|       | 233      | ✓          |  |  |  |  |  |  |  |  |  |
|       | 234      | ✓          |  |  |  |  |  |  |  |  |  |
|       | 235      | ✓          |  |  |  |  |  |  |  |  |  |
|       | 236      | ✓          |  |  |  |  |  |  |  |  |  |
|       | 237      | ✓          |  |  |  |  |  |  |  |  |  |
|       | 238      | ✓          |  |  |  |  |  |  |  |  |  |
|       | 239      | ✓          |  |  |  |  |  |  |  |  |  |
|       | 240      | ✓          |  |  |  |  |  |  |  |  |  |
|       | 241      | ✓          |  |  |  |  |  |  |  |  |  |
|       | 242      | ✓          |  |  |  |  |  |  |  |  |  |
|       | 243      | ✓          |  |  |  |  |  |  |  |  |  |
|       | 244      | ✓          |  |  |  |  |  |  |  |  |  |
|       | 245      | ✓          |  |  |  |  |  |  |  |  |  |
|       | 246      | ✓          |  |  |  |  |  |  |  |  |  |
|       | 247      | ✓          |  |  |  |  |  |  |  |  |  |
|       | 248      | ✓          |  |  |  |  |  |  |  |  |  |